

OMNI-GRIND MODUL-SYSTEM

OMNI-GRIND is the Modular System for the surfacing of your parts:

- Manual tool and table for flexible processing of different parts
- Fully automatic tool and table movement for the programmable processing of high and medium batches
- Robot guided workpiece movement for processing and handling of large batches
- High-performance grinding units for processing of large surfaces
- Additional Modules for Polishing, Deburring, Beveling and Edge Rounding of 3D-Parts

PEITZMEIER

Machines and Systems for standard Operations
and process orientated Solutions



- Design, Production and Service – everything from one source.
- After Sales Service and spare parts supply worldwide at the hands of our experienced service engineers.

Trials on our Grinding Machine in our factory with your parts will convince you.

PORTAL



TURN



TWIN



DURA



MADE IN GERMANY

PEITZMEIER
Maschinenbau + Automation

Peitzmeier Maschinenbau GmbH

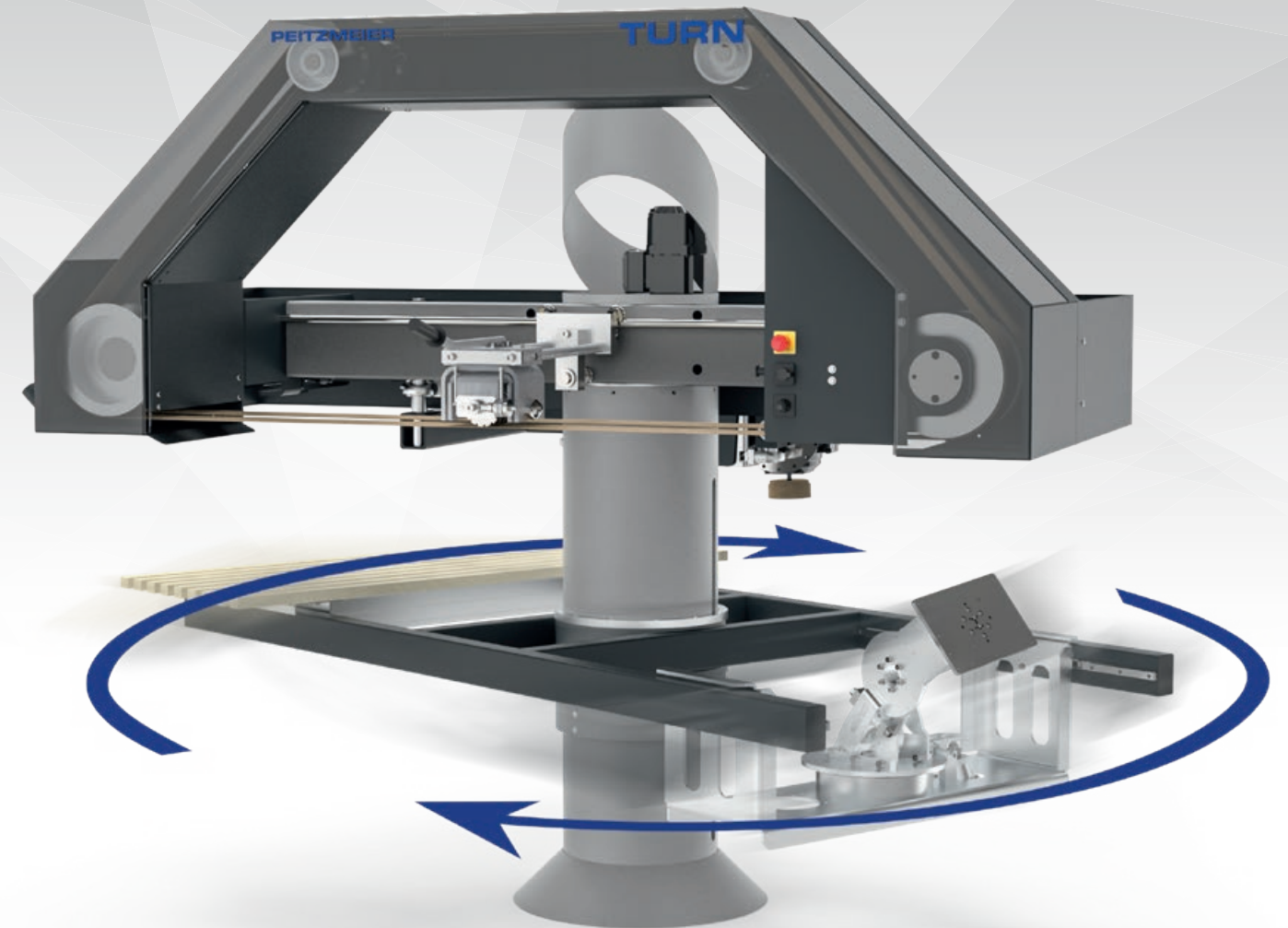
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OMNI-GRIND TURN

THE GRIND CHANGER

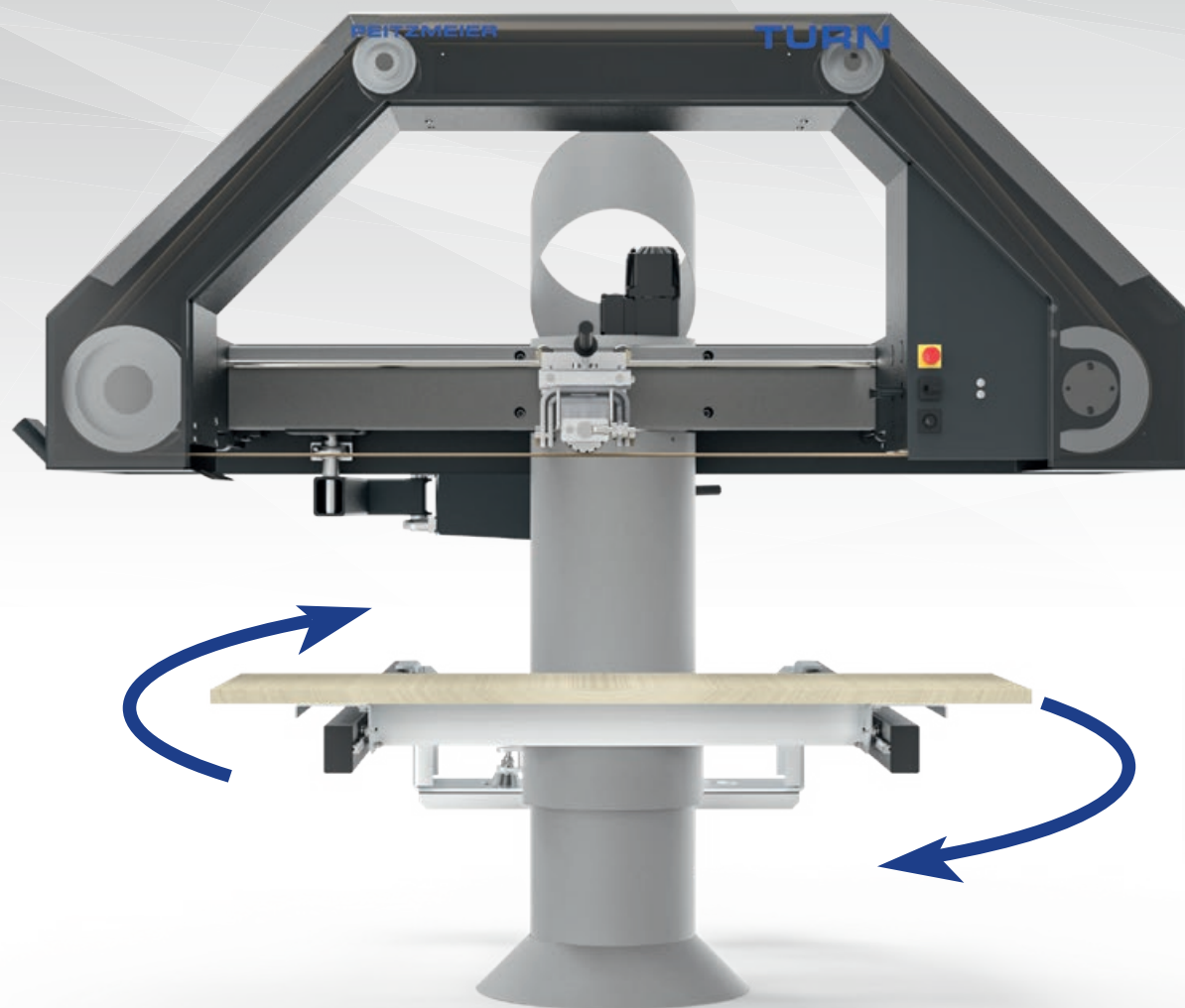
In no time from Grinding and Polishing to Deburring and Edge Rounding

GRINDING · POLISHING · DEBURRING
EDGE ROUNDING · BEVELING + HANDLING

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OMNI-GRIND TURN

THE GRIND CHANGER for Grinding and Polishing of high quality surfaces as well as Deburring and Edge Rounding of workpieces with dimensions up to 1200 x 600 x 700 mm and a weight up to 50 kg



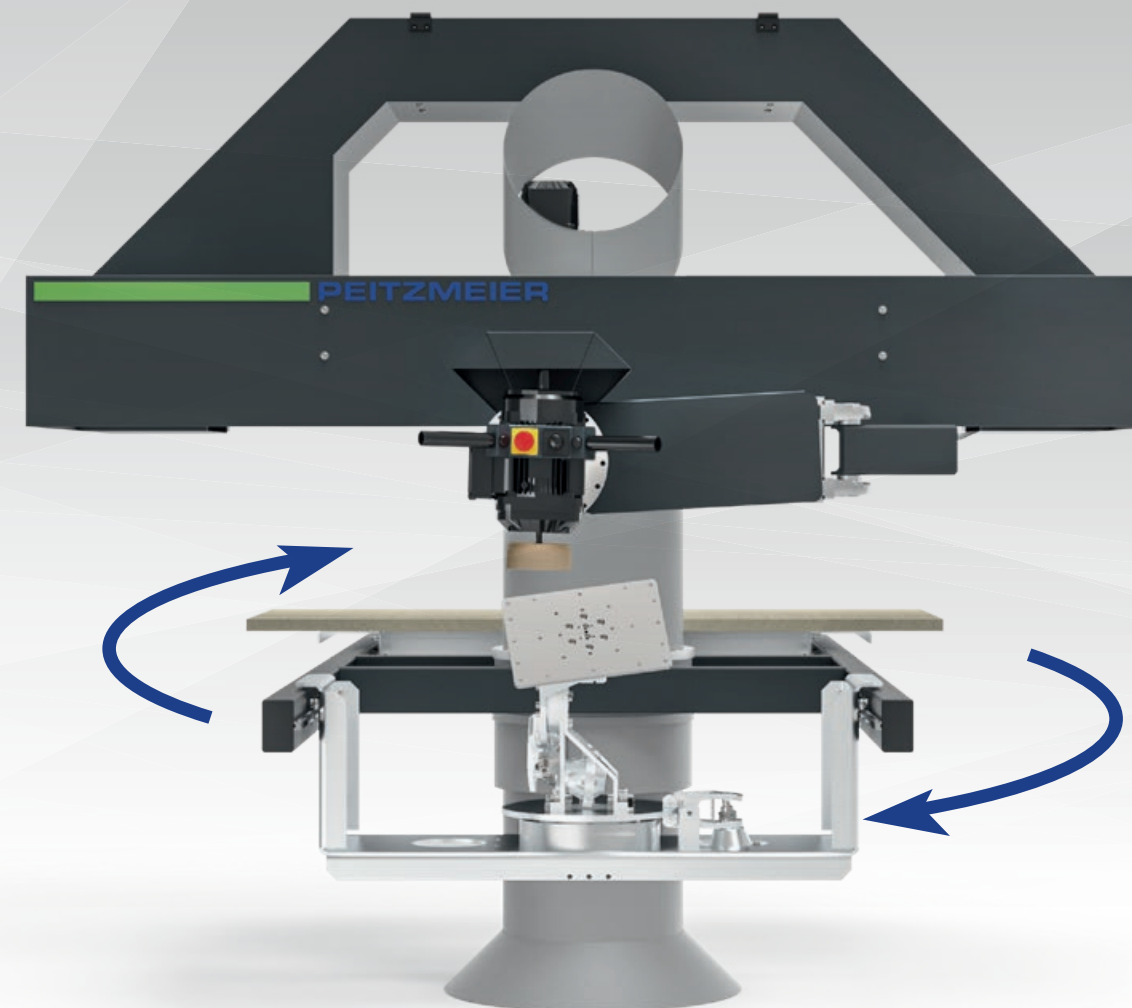
GRINDING UNIT

- two grinding belts 120 x 5660 mm
- 4 kW belt drive
- manual tool movement
- pendulous contact drum Ø 100 mm

SLATTED FRAME TABLE

- 1200 x 600 mm table size
- motor driven height adjustment by 700 mm
- manual table movement
- max. 1300 mm workpiece height
- 50 kg workpiece loading

Processing examples:



3-AXIS-HANDLING-DEVICE

- continuously variable positioning of the workpieces by three rotary axes
- max. 20 kg workpiece weight
- 5-sided-machining of welded workpieces
- positioning of the rotary axes by foot pedal

DEBURRING DEVICE

- two Deburring discs up to Ø 150 mm
- 180° rotation of the twin-brush-unit enables the use of two different brushes
- quick lock for easy brush exchange
- automatic height adjustment
- brush angle adjustment in each case 22,5°
- 1,4 kW drive

GRINDING · POLISHING · DEBURRING · EDGE ROUNDING · BEVELING + HANDLING